

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Patent Application:

Applicants : Trung T. Doan and Gurtej S. Sandhu  
Assignee: : Micron Technology, Inc.  
Reissue Application No.: 10/054,692  
Filed : December 19, 2001  
For : POLISHING PAD REFURBISHER FOR IN SITU, REAL-TIME  
CONDITIONING AND CLEANING OF A POLISHING PAD USED IN  
CHEMICAL-MECHANICAL POLISHING OF MICROELECTRONIC  
SUBSTRATES  
Docket No. : 500300.02

Corresponding Issued U.S. Patent:

Patent No. : 6,004,196  
Issued : December 21, 1999  
Application No. : 09/032,230  
Filing Date : February 27, 1998  
Examiner : William Hong  
Art Unit : 3725

MAIL STOP REISSUE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL REISSUE DECLARATION

As below-named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below.

We believe that we are the original, first and sole inventors of the innovative subject matter described and claimed in the application for reissue of U.S. Patent No. 6,004,196, which is entitled "POLISHING PAD AND REFURBISHER FOR IN SITU, REAL-TIME CONDITIONING AND CLEANING OF A POLISHING PAD USED IN CHEMICAL-MECHANICAL POLISHING OF MICROELECTRONIC SUBSTRATES."

We hereby state that we have reviewed and understand the contents of the above-identified U.S. reissue patent application, INCLUDING BOTH THE ORIGINAL CLAIMS AND THE NEW CLAIMS PRESENTED IN THE PRELIMINARY AMENDMENT FILED DECEMBER 19, 2001, THE NEW CLAIMS PRESENTED IN THE AMENDMENT FILED FEBRUARY 12, 2003, AND THE AMENDED CLAIMS PRESENTED IN THE RESPONSE FILED AUGUST 11, 2004.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulation, § 1.56(a).

We believe the above-identified original patent 6,004,196 to be partly inoperative, by reason of the patentees claiming less than we had a right to claim. For example, claim 1 of the '196 patent is limited to the body being movably attached to the wafer carrier, and the body need not be so movably attached. Moreover, we believe there is a right to claims of varying scopes to provide a hedge against any of the issued claims being found invalid and to cover a broader range of infringing devices. This error arose without any deceptive intention on our part.

Accordingly, the Preliminary Amendment filed December 19, 2001, the Amendment filed February 12, 2003, the Amendment filed May 30, 2003 and the Amendment filed August 11, 2004 present additional independent apparatus claims that are the error noted above. These independent claims have been newly drafted to more particularly point out and distinctly claim the invention. The Preliminary Amendment and Response filed August 11, 2004 also present additional dependent claims and some method claims. We believe that our invention is at least as broad as these claims.

All errors which are being corrected in the present reissue application up to the time of filing of this declaration arose without any deceptive intention on the part of the applicants.

We do not know and do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof.

We do not know and do not believe that the claimed invention was ever patented or described in any printed publication in any country before my invention thereof.

We do not know and do not believe that the claimed invention was ever patented or described in any printed publication in any country more than one year prior to the filing date of the original U.S. application.

We do not know and do not believe that the claimed invention was ever in public use or on sale in the United States of America more than one year prior to the filing date of the original U.S. application.

We hereby declare that all statements made of our knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may also jeopardize the validity of the application or any patent issued thereon.

\_\_\_\_\_  
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\_\_\_\_\_  
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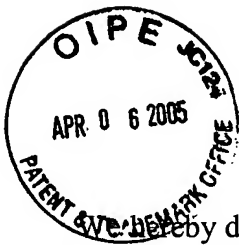
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I hereby declare that all statements made of our knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and may also jeopardize the validity of the application or any patent issued thereon.

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